

OCTOBER

at the

CALIFORNIA ACADEMY OF SCIENCES

1970

ANNUAL MEETING

OF THE

CALIFORNIA ACADEMY OF SCIENCES

Wednesday evening, October 7, 8:00 p.m.

All members of the Academy are cordially invited to the 1970 Annual Meeting and Open House. As established by charter, there will be a brief business meeting in May Treat Morrison Auditorium. This will be followed by screenings of an excellent color film made available to us by the local Japanese Consulate. Research departments open for inspection will be botany, exhibits and ichthyology. There will be tours "backstage" of Steinhart Aquarium as well as special demonstrations of the Morrison Planetarium star projector. Modest refreshments will be served.

We respectfully request that all members limit their guests to two. We will not be able, for various reasons, to accommodate school classes, clubs or other groups. Two means of ingress are available (where membership cards will be checked): Main Entrance, Cowell Hall, and the rear planetarium entrance off Middle Drive. A program of events will be distributed at these points.

This meeting constitutes the monthly membership meeting of the Academy.

MORRISON PLANETARIUM

"VISITORS" continues in the Theatre of the Stars through November 1. This sky show is an examination of how Mother Earth plays host to hundreds of thousands of natural visitors from outer space — asteroids, meteors, comets — daily. The variety is infinite.

Performances daily at 2:00 with evening shows Wednesday through Sunday at 8:00. Extra shows on Saturdays, Sundays and holidays at 3:30. Admission: Adults, \$1.00, with half-price for students (with student body card), armed services personnel and youths under 16.

Coming to Morrison on November 5:

"MUSIC OF THE SPHERES" — a bold experiment in wedding the sky, the stars and William Shakespeare whose great works are rich with celestial references. This is an unusual astronomy show not to be missed.

SPECIAL EXHIBIT

"SAVE THE BAY FOR LIFE," in Lovell White Hall of Man and Nature, an arresting reminder of a quite possible tragedy being played out in San Francisco's world-renowned bay, one which concerns us all. A huge aerial photograph of this endangered area will command your attention. This exhibit continues indefinitely.

Coming in November: "THE FLOWERING WORLD OF HENRY EVANS," exquisite botanical prints by one of San Francisco's fine artists. Opens November 11 in Cowell Hall and will continue through January 15.

NEWS and NOTES

AFTER A gratifying look back at what occurred in the Junior Academy during the past summer we will take an anticipant look forward to what is scheduled to happen this fall.

Some three hundred and fifty young people registered to take part in the thirteen courses which were held six days a week. This adds up to approximately 3700 total class attendance which figure does not include the dozens of parents participating and local teachers who audited the courses for future reference. Field trips were numerous, two of which were as far away as Nevada. The courses for the most part were under the tutelage of volunteering Academy staff members augmented by two outside instructors who were modestly paid for their efforts with the youngsters. One course in vulcanology was taught by a

fifteen year old student, a fact well worth mentioning. By far it was the most effective program of instruction ever attempted in our section devoted to young scientists.

Registration for the fall and winter Saturday courses is scheduled for Saturday, September 19 between the hours of ten and four. Courses to be offered during the winter are: Prehistoric Life, Conservation of Natural Resources, Natural History of the San Francisco Bay Region, and Limnology (the study of freshwater plants and animals). The classes will actually begin on Saturday, September 26 and will continue through January 1971.

For further information, please telephone the Junior Academy at 221-5100. Mr. Ken Lucas, supervisor for this particular activity, will be glad to be of assistance.

REGRETFULLY, we must record the fact of the death of Trustee of the Academy Dr. Siemon W. Muller on September 9. His interest and devotion to the Academy covered three decades. He became a member in 1942, was elected a Fellow in 1947, selected for the Science Council in 1954, and became a Trustee in 1959, serving as Secretary for the past several years. Dedicated, both as a scientist and as a Trustee, Dr. Mueller will be sorely missed by those of us who knew and worked with him. Our sincere sympathy is extended to his wife and to his surviving son.

ON THE PREMISE that some of the flux and change in various Academy exhibits may have escaped the attention of the membership, the following is offered as a reminder:

An illuminated "island" has been installed in the Hohfeld Hall of Space Science which illustrates the phases of the moon and the effect of the moon on the tides. Directly in front of the "moon theatre," new color enlargements of lunar landscapes made available to us by NASA now enhance that area. Continuing musical background further dramatizes the darkling drama of the three-dimensional model of the moon.

A meteorite that you can touch is now on display in the Hall of Minerals. The specimen came from Canyon Diablo, Arizona. Also, there is a comparatively new exhibit devoted to crystals and the case accenting the story of gold has been revamped.

Since babies have a way of growing up (see NEWSLETTER June 1970) the two orphaned harbor seals are now big enough to join their aquatic friends in the big dolphin tank. That population now

includes another harbor seal, a bottle-nose dolphin, four forever active white-sided dolphins and a supervising cormorant. It is all quite busy. And while you are in the aquarium, don't miss the beautiful splash of vivid color in Tank #3 — golden garibaldis that burn the eye.

FOOTNOTES TO HISTORY are always interesting and on occasion one runs across an esoteric item in the minutes of the past meetings of the Academy. The following is no exception and was discovered by Library Associate Jessie Saunders, an indefatigable worker in the Academy archives. The excerpt is from the minutes of the regular meeting of the membership (45 present) dated February 1, 1875 and is included in a section devoted to donations: "From J. C. Merrill & Co., the spy-glass that originally belonged to Capt. Wm. Bligh who commanded H. B. M. ship *Bounty* when taken by the mutineers, who afterward settled Pitcairn Island. The glass was left at Tahiti, and came into the hands of Kamehameha III of the Hawaiian Islands, and was presented by Kamehameha V to Capt. Joseph Smith, who left it with Messrs. J. C. Merrill & Co., who present it to the Academy."

Needless to say, the earthquake and fire of 1906 probably consigned this noteworthy article to flames — a fact to rue.

Meet The Staff . . .



Photo by Lloyd Ullberg

LYSBETH FRITZ, Secretary to the Director, was born in Chicago, Illinois, and early, with her family, moved to Mamaroneck, New York for her initial schooling. At fifteen, her family once again moved — this time to Cleveland, Ohio where she graduated from Bay Village High School.

Subsequently, Buff (and that is the way we all know her at the Academy) received her Bachelor of Science degree in biology at Denison University at Granville, then continued on with graduate work at

the University of Maryland for one year. A summer's holiday to San Francisco changed the course of her life in that she decided to remain in California. When in New York, she had a particular affection for the American Museum of Natural History and decided that perhaps she could find employment at the CAS, which she promptly did, being employed as the Secretary in the busy Planetarium Office. This she pursued for two and one half years, then decided to return to school (at San Francisco State) all the while having part-time employment doing a variety of things in our Exhibits Department. Observance of her many abilities led her to being established as the Director's secretary in the summer of 1968, and there she remains.

Buff enjoys a host of off-hour pursuits: avid reading, baroque and rock music, hiking, camping, cooking, and lots of movies — plus the company of a weird (her description), uninhibited cat named Mieke (rhymes with pizza).

Her enthusiasm for her job at the Academy is an almost tangible thing, as those of us who work with her will attest.

NEW MEMBERS OF THE ACADEMY

Regular Members

| | |
|----------------------------|--------------------------|
| Mr. Allen Allison | Mrs. Cheyney B. Johansen |
| Mr. D. H. Bates | Miss Patricia Kimball |
| Mr. Terry Bedford | Miss Ruth W. Langer |
| Mr. Emerson Burnett | Mrs. W. E. Lieurance |
| Miss Marguerite Butler | Miss Ann Meunier |
| Mrs. F. L. Bystrom | Mr. William J. McCarty |
| Mr. Robert J. Cecchini | Mr. Milton P. Peyre |
| Mr. Jess Collins | Mr. John Picardi |
| Miss Nancy Cox | Dr. George D. Ramsay |
| Mr. Dominic A. D'Amico | Miss V. E. Scherer |
| Mr. Robert Duncan | Mrs. L. E. Shannon |
| Miss Patricia Dutra | Mr. Daniel E. Stone, Jr. |
| Mrs. Irmgard Sjaugen Gates | Dr. Dallas A. Sutton |
| Miss Audrey E. Godar | Miss Marian Yelland |
| Mr. Thomas Hunt | Miss Ruth A. Zuehlke |

Family Members

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| Mr. & Mrs. William C. Balch | Mr. & Mrs. Kenneth Levien |
| Dr. H. Beernink | Mr. & Mrs. Peter MacPhail |
| Mr. & Mrs. Emile G. Bourdet | Mr. Edward J. Meehan |
| Mr. Michael C. Ciralo | Dr. & Mrs. Joseph P. Michalski |
| Dr. Donald Cliggett | Mr. & Mrs. Kingsley G. Moore |
| Mr. & Mrs. Harry J. Cohen | Dr. Milton K. McDowell |
| Dr. H. D. Collier | Mr. Eldred W. Oaks |
| Dr. F. J. Coodin | Dr. & Mrs. P. H. Philbrook |
| Mr. & Mrs. James Emrick | Mr. & Mrs. Walter Reinhard |
| Mr. Gene Estribou | Miss Rachel F. Smith |
| Mr. & Mrs. David Fleig | Mr. & Mrs. John J. Soeth |
| Mr. & Mrs. Joe Gordon | Mr. & Mrs. Michael E. Spautz |
| Mr. & Mrs. Henry R. Harvey | Mr. Paul E. Springer |
| Mrs. Ray T. Higgins | Mrs. G. W. Stratford |
| Mrs. T. C. Howard | Mr. & Mrs. Jonathan Sweeney |
| Mrs. Lottie Johnson | Mr. & Mrs. Bob Tedder |
| Mr. Eugene M. Kramer | Dr. Alan Weiss |
| Mrs. Jean Kulemin | Dr. Alex Weisskopf |
| | Mr. Sheldon Wolff |

Contributing Members

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|--------------------------|---------------------|
| Mr. Phillip S. Applebaum | Dr. Robert H. Irwin |
| Mr. David A. Slater | |

Life Members

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| Mr. Joseph R. Kimbell |
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THE CALIFORNIA ACADEMY OF SCIENCES

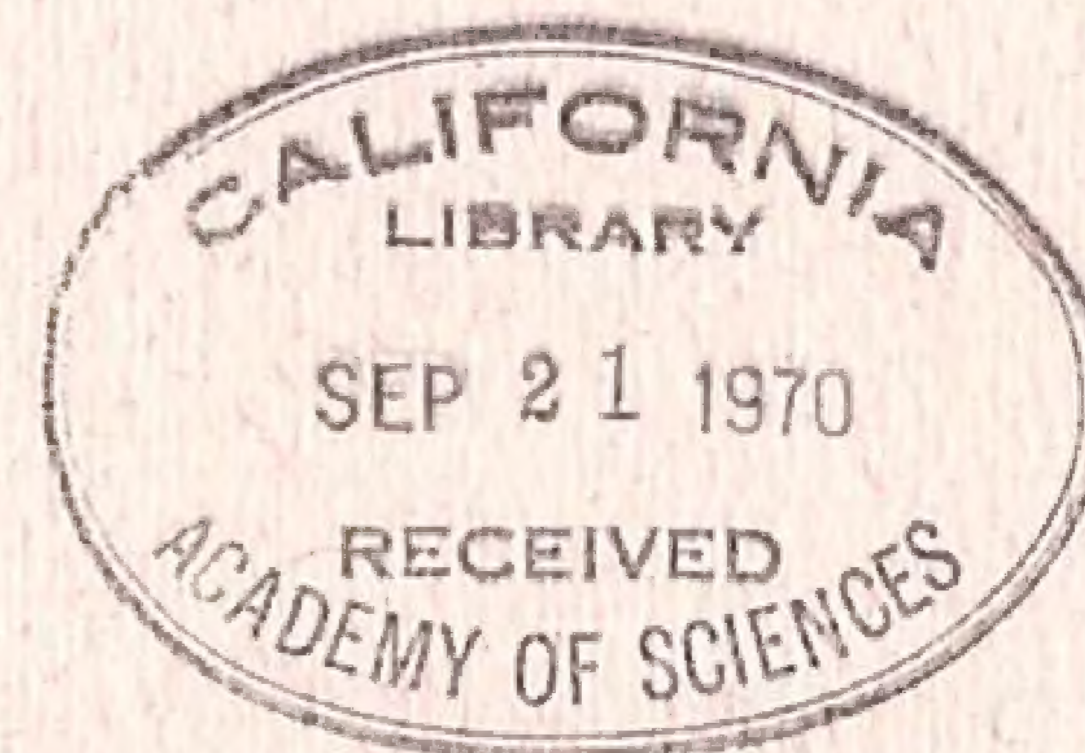
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